

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allan T. Koshiol et al.

Title: SYNCHRONIZING CONTINUOUS SIGNALS AND DISCRETE EVENTS FOR AN  
IMPLANTABLE MEDICAL DEVICE

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

X Response Under 27 C.F.R. 1.111 (12 pgs.).

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10 day of April, 2006.

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